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[Quantitative determination of the inhibitory effect of fibrinogen

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File: DWPI

Mar 21, 2001

DERWENT-ACC-NO: 1998-063079

DERWENT-WEEK: 200122

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TITLE: Fibrinogen-binding protein from coagulase-negative Staphylococcus - used for prevention, treatment and diagnosis of Staphylococcus infection**INVENTOR:** FLOCK, J; FRYKBERG, L ; GUSS, B ; LINDBERG, M ; NILSSON, M**PATENT-ASSIGNEE:**

ASSIGNEE	CODE
FLOCK J	FLOCI
FRYKBERG L	FRYKI
GUSS B	GUSSI
LINDBERG M	LINDI
NILSON M	NILSI
NILSSON M	NILSI

PRIORITY-DATA: 1996SE-0002496 (June 20, 1996)**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2001503609 W	March 21, 2001		050	C12N015/09
WO 9748727 A1	December 24, 1997	E	045	C07K014/31
AU 9732825 A	January 7, 1998		000	C07K014/31
EP 922056 A1	June 16, 1999	E	000	C07K014/31

DESIGNATED-STATES: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE**APPLICATION-DATA:**

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2001503609W	June 18, 1997	1997WO-SE01091	
JP2001503609W	June 18, 1997	1998JP-0502819	
JP2001503609W		WO 9748727	Based on
WO 9748727A1	June 18, 1997	1997WO-SE01091	
AU 9732825A	June 18, 1997	1997AU-0032825	
AU 9732825A		WO 9748727	Based on
EP 922056A1	June 18, 1997	1997EP-0928617	
EP 922056A1	June 18, 1997	1997WO-SE01091	
EP 922056A1		WO 9748727	Based on

INT-CL (IPC): A61K 31/00; A61K 31/70; A61K 39/08; A61K 48/00; C07K 14/31; C12N 1/21; C12N 15/09; C12P 21/02

ABSTRACTED-PUB-NO: WO 9748727A

BASIC-ABSTRACT:

New protein (I) with fibrinogen-binding activity is derived from a coagulase-negative strain of Staphylococcus (CNS). Also new are: (1) recombinant DNA (II) encoding (I); (2) phagemid, phage or plasmid containing (II); (3) microorganisms containing (II) or the vectors of (2); and (4) antibodies (Ab) specific for (I).

USE - The cells of (3) are used to produce recombinant (I) which is used as an immunogen, particularly in vaccines (which may alternatively contain (II)) to protect humans and animals against CNS infection. Ab are used for passive immunisation (they block adherence of bacteria, e.g. before surgical placement of an implant) and for diagnosis. Probes based on (I) may also be used to identify *S. epidermidis* ((I) is present in all strains of this species but not in other staphylococci), also to fingerprint strains (e.g. to identify source of infection) and to isolate similar genes from other species.

CHOSEN-DRAWING: Dwg.0/11

TITLE-TERMS: FIBRINOGEN BIND PROTEIN NEGATIVE STAPHYLOCOCCUS PREVENT TREAT
DIAGNOSE STAPHYLOCOCCUS INFECT

DERWENT-CLASS: B04 D16

CPI-CODES: B04-E01; B04-E02F; B04-E05; B04-E07; B04-E08; B04-F01; B04-G01; B04-N03;
B12-K04A4; B14-A01B4; B14-S12; D05-H04; D05-H07; D05-H11; D05-H12A; D05-H12D1; D05-H12E;
D05-H14A; D05-H17A6;

CHEMICAL-CODES:

Chemical Indexing M1 *01*
 Fragmentation Code
 M423 M710 M903 P831 Q233 V500 V540 V600 V611 V752
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